

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. Contract ID Code Firm-Fixed-Price		Page 1 Of 7	
2. Amendment/Modification No.  P00001		3. Effective Date  2001JUN08		4. Requisition/Purchase Req No.  SEE SCHEDULE		5. Project No. (If applicable)	
6. Issued By TACOM AMSTA-CM-CLGC DOUG SCHROEDER (810)574-7861 WARREN, MICHIGAN 48397-5000 HTTP://CONTRACTING.TACOM.ARMY.MIL EMAIL: SCHROEDD@TACOM.ARMY.MIL		Code W56HZV		7. Administered By (If other than Item 6) DCM DENVER ORCHARD PLACE 2 5975 GREENWOOD PLAZA BLVD. SUITE 200 ENGLEWOOD, CO 80111-4715  SCD C PAS NONE ADP PT HQ0339		Code S0602A	
8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code)  ENGINEERED CERAMICS INC 181 WEST 1700 SOUTH SALT LAKE CITY UT 84115  TYPE BUSINESS: Other Small Business Performing in U.S.				<input type="checkbox"/>		9A. Amendment Of Solicitation No.	
						9B. Dated (See Item 11)	
				<input checked="" type="checkbox"/>		10A. Modification Of Contract/Order No. DAAE07-00-C-L008	
						10B. Dated (See Item 13) 2000JUL11	
Code 1PJY9		Facility Code					
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendments: (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. <b>FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.</b> If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. Accounting And Appropriation Data (If required) ACRN: AB NET INCREASE: \$365,000.00							
<b>13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS</b>							
KIND MOD CODE: 3 It Modifies The Contract/Order No. As Described In Item 14.							
<input checked="" type="checkbox"/>		A. This Change Order is Issued Pursuant To: Incremental Funding The Contract/Order No. In Item 10A. The Changes Set Forth In Item 14 Are Made In					
<input type="checkbox"/>		B. The Above Numbered Contract/Order Is Modified To Reflect The Administrative Changes (such as changes in paying office, appropriation data, etc.) Set Forth In Item 14, Pursuant To The Authority of FAR 43.103(b).					
<input type="checkbox"/>		C. This Supplemental Agreement Is Entered Into Pursuant To Authority Of:					
<input type="checkbox"/>		D. Other (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the Issuing Office.							
14. Description Of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
SEE SECOND PAGE FOR DESCRIPTION							
Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. Name And Title Of Signer (Type or print)				16A. Name And Title Of Contracting Officer (Type or print) WYMAN E. YOUNG II YOUNGE@TACOM.ARMY.MIL (810)574-8093			
15B. Contractor/Offeror  _____ (Signature of person authorized to sign)		15C. Date Signed		16B. United States Of America  By _____ /SIGNED/ (Signature of Contracting Officer)		16C. Date Signed	
NSN 7540-01-152-8070 PREVIOUS EDITIONS UNUSABLE				30-105-02		STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243	

SECTION A - SUPPLEMENTAL INFORMATION

1. The purpose of this unilateral Modification P00001 is to provide the final increment of funds for this contract in the amount of \$365,000. The contract is now fully funded.

PREVIOUS FUNDING AVAILABLE ON THIS CONTRACT: \$365,000.00

AMOUNT OF INCREMENTAL FUNDS ADDED THIS ACTION: \$365,000.00

TOTAL AMOUNT AVAILABLE ON THIS CONTRACT: \$730,000.00

2. The Not Separately Priced SubClins (0001AB) and (0001AC) are now priced. The Partial Cylinder head to be delivered under SubClin(0001AB) is now priced in the amount of \$50,000. The Complete Port Lined Cylinder Head to be delivered under SubClin (0001AC) is now priced in the amount of \$65,000. The bi-monthly reports required under SubClin (0001AD) are due the 16th, 18th, 20th, 22nd and 24th month of this Phase II SBIR contract.

3. The following paragraphs of the contract are changed as follows:

SECTION	DESCRIPTION
B and Schedule	Added subCLIN 0001AB/ACRN AB Priced
	Added subCLIN 0001AC/ACRN AB Priced
	Added subCLIN 0001AD/ACRN AB Priced
Section G	Provided ACRN AB accounting data for the final increment of funds.

4. All other terms and conditions remain unchanged.

Name of Offeror or Contractor: ENGINEERED CERAMICS INC

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS  <u>Supplies or Services and Prices/Costs</u>  <u>SERVICES LINE ITEM</u>  SECURITY CLASS: Unclassified  (Deleted narrative B001)				
0001AB	<u>PROTOTYPE ITEM</u>  NOUN: PARTIAL CYLINDER HEAD SECURITY CLASS: Unclassified PRON: E112C075EH PRON AMD: 01 ACRN: AB AMS CD: 665502 DD  SEE SECTION C.2.4.3  (End of narrative B001)  <u>Packaging and Marking</u>  <u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination  <u>Deliveries or Performance</u> DOC SUPPL <u>REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD</u> 001 000000 0 <u>DEL REL CD QUANTITY DEL DATE</u> 001 1 30-APR-2002 (E)  FOB POINT: Destination  SHIP TO: <u>PARCEL POST ADDRESS</u> (W56HZV) XU NICP ACCT PROP OFF USA TACOM WARREN MI 48397-5000  MARK FOR: AMSTA-TR-R MS121	1	EA	\$ ** N/A **	\$ 50,000.00

Name of Offeror or Contractor: ENGINEERED CERAMICS INC

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001AC	<p><u>PROTOTYPE ITEM</u></p> <p>NOUN: COMPLETE PORT LINED CYL HEAD SECURITY CLASS: Unclassified PRON: E112C075EH PRON AMD: 01 ACRN: AB AMS CD: 665502 DD</p> <p>SEE SECTION C.2.4.4</p> <p>(End of narrative B001)</p> <p><u>Packaging and Marking</u></p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>Deliveries or Performance</u> DOC SUPPL <u>REL CD</u> <u>MILSTRIP</u> <u>ADDR</u> <u>SIG CD</u> <u>MARK FOR</u> <u>TP CD</u> 001 000000 0 <u>DEL REL CD</u> <u>QUANTITY</u> <u>DEL DATE</u> 001 1 30-JUN-2002</p> <p>FOB POINT: Destination</p> <p>SHIP TO: <u>PARCEL POST ADDRESS</u> (W56HZV) XU NICP ACCT PROP OFF USA TACOM WARREN MI 48397-5000</p> <p>MARK FOR: AMSTA-TR-R MS121</p>	1	EA	\$ ** N/A **	\$ 65,000.00

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-00-C-L008 MOD/AMD P00001	Page 5 of 7
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Name of Offeror or Contractor: ENGINEERED CERAMICS INC

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT																																																												
0001AD	<p><u>PHASE II SBIR</u></p> <p>NOUN: PHASE II SBIR REPORTS SECURITY CLASS: Unclassified PRON: E112C075EH      PRON AMD: 01      ACRN: AB AMS CD: 665502      DD</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination      ACCEPTANCE: Destination</p> <p><u>Deliveries or Performance</u></p> <table><tr><td>DLVR SCH</td><td></td><td>PERF COMPL</td></tr><tr><td><u>REL CD</u></td><td><u>QUANTITY</u></td><td><u>DATE</u></td></tr><tr><td>001</td><td>1</td><td>30-OCT-2001</td></tr><tr><td></td><td>\$ 50,000.00</td><td></td></tr></table> <table><tr><td>DLVR SCH</td><td></td><td>PERF COMPL</td></tr><tr><td><u>REL CD</u></td><td><u>QUANTITY</u></td><td><u>DATE</u></td></tr><tr><td>002</td><td>1</td><td>30-DEC-2001</td></tr><tr><td></td><td>\$ 50,000.00</td><td></td></tr></table> <table><tr><td>DLVR SCH</td><td></td><td>PERF COMPL</td></tr><tr><td><u>REL CD</u></td><td><u>QUANTITY</u></td><td><u>DATE</u></td></tr><tr><td>003</td><td>1</td><td>28-FEB-2002</td></tr><tr><td></td><td>\$ 50,000.00</td><td></td></tr></table> <table><tr><td>DLVR SCH</td><td></td><td>PERF COMPL</td></tr><tr><td><u>REL CD</u></td><td><u>QUANTITY</u></td><td><u>DATE</u></td></tr><tr><td>004</td><td>1</td><td>30-APR-2002</td></tr><tr><td></td><td>\$ 50,000.00</td><td></td></tr></table> <table><tr><td>DLVR SCH</td><td></td><td>PERF COMPL</td></tr><tr><td><u>REL CD</u></td><td><u>QUANTITY</u></td><td><u>DATE</u></td></tr><tr><td>005</td><td>1</td><td>30-JUN-2002</td></tr><tr><td></td><td>\$ 50,000.00</td><td></td></tr></table>	DLVR SCH		PERF COMPL	<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>	001	1	30-OCT-2001		\$ 50,000.00		DLVR SCH		PERF COMPL	<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>	002	1	30-DEC-2001		\$ 50,000.00		DLVR SCH		PERF COMPL	<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>	003	1	28-FEB-2002		\$ 50,000.00		DLVR SCH		PERF COMPL	<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>	004	1	30-APR-2002		\$ 50,000.00		DLVR SCH		PERF COMPL	<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>	005	1	30-JUN-2002		\$ 50,000.00		5	EA		\$ 250,000.00
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<b>Name of Offeror or Contractor:</b> ENGINEERED CERAMICS INC		

B-1

B.1 Estimated Cost and Payment:

B.1.1 The estimated cost for performance of the work required under this contract is \$730,000, which shall constitute the estimated cost for the purpose of the Contract Clause hereof entitled LIMITATION OF FUNDS.

B.2 The payments under this contract are to be in accordance with the SubClin Delivery Schedule Relationship Codes described in Continuation Sheets of Section B. The SubClin (0001AA) is set up to pay the Contractor at the 2nd, 4th, 6th, 8th, 10th, 12th and 14th month of the Phase II first fourteen months of effort. The payment is contingent upon TACOM receiving and approving a DD Form 250 for the designated report in each SubClin. The approved DD Form 250 will be sent to the DFAS payment office, by the COTR in order for the Contractor to be paid.

B.2.1 The Not Separately Priced SubClins (0001AB) and (0001AC) are now priced. The Partial Cylinder head to be delivered under SubClin(0001AB) is now priced in the amount of \$50,000. The Complete Port Lined Cylinder Head to be delivered under SubClin (0001AC) is now priced in the amount of \$65,000. The bi-monthly reports required under SubClin (0001AD) are due the 16th, 18th, 20th, 22nd and 24th month of this Phase II SBIR contract.

B.2.2 The payments under this contract are to be in accordance with the SubClin Delivery Schedule Relationship Codes described in Continuation Sheets of this Section B. The SubClin (0001AD) is set up to pay the Contractor at the 16th, 18th, 20th, 22nd and 24th month of the Phase II effort. The payment is contingent upon TACOM receiving and approving a DD Form 250 for the designated report in each SubClin. The approved DD Form 250 will be sent to the DFAS payment office, by the COTR in order for the Contractor to be paid.

B.3 Funding

B.3.1 The Government shall provide funds under this contract covering the estimated cost on an incremental basis as provided for in the following funding schedule in conjunction with the clause entitled LIMITATION OF FUNDS. The Government may, at its discretion, allot such funds on an incremental basis within each fiscal year. The contractor shall plan and execute the work required by this contract as to expend and/or commit funds compatible with the schedule set forth below. Whenever the contractor has reason to believe that the funds allotted to this contract for any fiscal year are either insufficient or excessive for the performance of work required in that fiscal year, the Government shall be notified.

B.3.2 Funding Schedule

<u>Performance Period</u>	<u>Amount</u>
FY 00 - Award through Jun 01	\$365,000
FY 01 - Jul 01 through completion	\$365,000

This funding schedule approximates the availability of FY 01 funds.

B.4 Funds Allotted. The amount of funds currently obligated to this contract is \$730,000.

\*\*\* END OF NARRATIVE B 002 \*\*\*

Name of Offeror or Contractor: ENGINEERED CERAMICS INC

SECTION G - CONTRACT ADMINISTRATION DATA

LINE	PRON/		OBLG STAT/			INCREASE/DECREASE		CUMULATIVE
ITEM	AMS CD	ACRN	JOB ORD NO		PRIOR AMOUNT	AMOUNT		AMOUNT
0001AB	E112C075EH	AB	2	\$	0.00	\$	50,000.00	\$ 50,000.00
	665502 DD		12C075					
0001AC	E112C075EH	AB	2	\$	0.00	\$	65,000.00	\$ 65,000.00
	665502 DD		12C075					
0001AD	E112C075EH	AB	2	\$	0.00	\$	250,000.00	\$ 250,000.00
	665502 DD		12C075					
					NET CHANGE	\$	365,000.00	

SERVICE	NET CHANGE		ACCOUNTING	INCREASE/DECREASE
NAME	BY ACRN	ACCOUNTING CLASSIFICATION	STATION	AMOUNT
Army	AB	21 12040000016D7675P665502255Y S20113	W56HZV	\$ 365,000.00
NET CHANGE				\$ 365,000.00

	PRIOR AMOUNT	INCREASE/DECREASE	CUMULATIVE
	OF AWARD	AMOUNT	OBLIG AMT
NET CHANGE FOR AWARD:	\$ 365,000.00	\$ 365,000.00	\$ 730,000.00